

# TE series isolation transformer



## Model: TE6023

### Characteristics:

Sub-plate mount, Vacuum Epoxy Encapsulated, Crimping terminal output



### Technical Index:

Technical Index: PCB

Flame resistance : UL94-V0

Insulation class : B

Operation temperature:  $-30^{\circ}\text{C} \sim +40^{\circ}\text{C}$

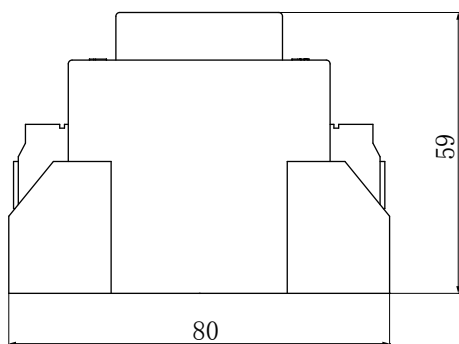
Work frequency: 50Hz~60Hz

Dielectric strength: 3.5KV 50Hz 1min

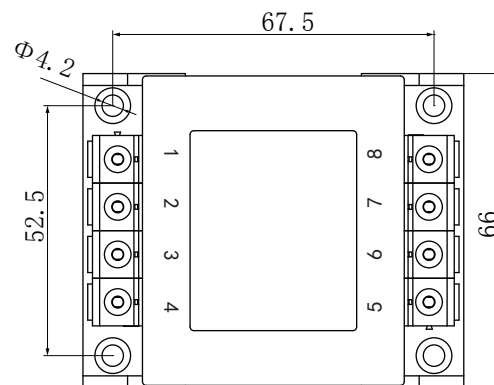
### Technical Parameters table:

Primary voltage	110/220/230/380	V
Primary voltage range	$\pm 10$	%
Voltage regulation	$\leq 13$	%
Power	30	VA
Temperature rising	$\leq 20$	$^{\circ}\text{C}$
No load loss	$\leq 2.5$	W
weight	650	g

Dimensions (in mm)  $\pm 0.5\text{mm}$



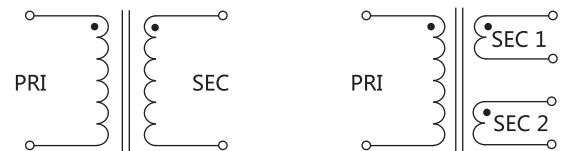
Front view



Vertical view

Secondary output voltage		Secondary No-load Voltage		Secondary full load current	
Single	Double	Single	Double	Single	Double
6V	$6\text{V} \times 2$	7.2V	$7.2\text{V} \times 2$	5000mA	$2500\text{mA} \times 2$
7.5V	$7.5\text{V} \times 2$	8.7V	$8.7\text{V} \times 2$	4000mA	$2000\text{mA} \times 2$
9V	$9\text{V} \times 2$	10.4V	$10.4\text{V} \times 2$	3334mA	$1667\text{mA} \times 2$
12V	$12\text{V} \times 2$	14.2V	$14.2\text{V} \times 2$	2500mA	$1250\text{mA} \times 2$
15V	$15\text{V} \times 2$	17.3V	$17.3\text{V} \times 2$	2000mA	$1000\text{mA} \times 2$
18V	$18\text{V} \times 2$	21.6V	$21.6\text{V} \times 2$	1667mA	$834\text{mA} \times 2$
24V	$24\text{V} \times 2$	27V	$27\text{V} \times 2$	1250mA	$625\text{mA} \times 2$

### Schematic Diagram:



Single output

Double output